Scout Report sent out	☑
Noted in the NID File	☑
Location map pinned	☑
Approval or Disapproval Letter	☑
Date Completed, P. & A, or operations suspended	2-12-57 SI
Pin changed on location map	☐
Affidavit and Record of A & P	☐
Water Shut-Off Test	☐
Gas-Oil Ratio Test	☐
Well Log Filed	☑

FILE NOTATIONS

Entered in N I D File	✓	Checked by Chief	✓
Entered On S R Sheet	✓	Copy N I D to Field Office	✓
Location Map Pinned	✓	Approval Letter	✓
Card Indexed	✓	Disapproval Letter	
I W R for State or Fee Land			

COMPLETION DATA:

Date Well Completed	2-6-57	Location Inspected	
OW	WW	TA	Bond released
GW ✓	OS	PA	State of Fee Land

SI

LOGS FILED

Driller's Log 2-28-57

Electric Logs (No.) 2

E ✓ I E-I GR GR-N Micro ✓

Lat Mi-L Sonic Others

Form 9-331a
(Feb. 1951)

Budget Bureau 42-R358.3.
Approval expires 12-31-55.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. U-015473
Unit

U. S. GEOLOGICAL SURVEY
RECEIVED
JAN 17 1957
OIL & GAS BR.
SALT LAKE CITY, UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	X	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 17, 1957, 19

Well No. - 1 - is located 660 ft. from {N/S} line and 660 ft. from {E/W} line of sec. 19

Center SWSW (¼ Sec. and Sec. No.) 17 S. (Twp.) 26 E. (Range) SLM (Meridian)

Wildcat (Field) Grand (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5127 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Morrison Oil Test
130 ft - 24# - 8 5/8" casing - cement with 100 sx cement circulate to surface

Top Dakota Sand 2272 ft.
Top Morrison Sand 2371 ft.
Top Salt Wash Sand 2710 ft. approximate T. D. 2850
Run 5½ - 14# casing to T.D. to be cemented with sufficient cement to bring cement above Dakota Sand.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Harry Royster

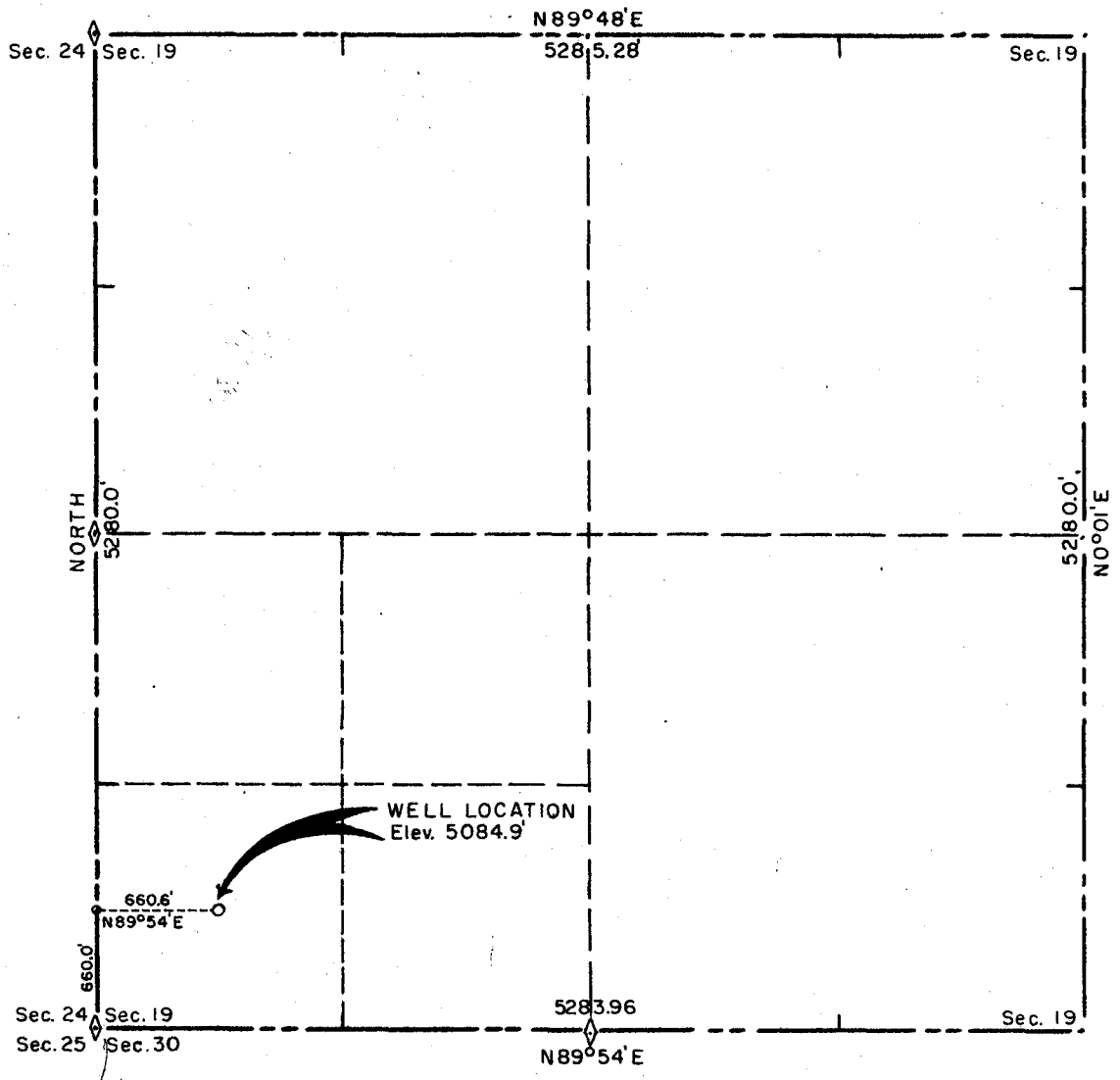
Address P. O. Box 2254

Salt Lake City 10, Utah

By Moorthy A. Lassen

Title Owner

U. S. GOVERNMENT PRINTING OFFICE 16—8437-5



N

Scale 1"=1000'

OPERATOR: MR. HARRY ROYSTER

I, Richard J. Mandeville, do hereby certify that this plat was plotted from notes of a field survey made under my supervision on January 17, 1957.

Richard J. Mandeville
Registered Engineer & Land Surveyor

WESTERN ENGINEERS
WELL LOCATION
BERT GORDON NO. 1 GOVERNMENT
Center SW 1/4 SW 1/4 Sec. 9 T.17S., R26E.
S. L. B. & M.
GRAND COUNTY, UTAH

SURVEYED C.J.B. & W.F.Q.
DRAWN L.B.P.

GRAND JCT., COLO.

Form 9-1123 (Submit in Triplicate)

SUPERVISOR, OIL AND GAS OPERATIONS:

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of oil and gas lease

DISTRICT LAND OFFICE: Utah
SERIAL NO.: U-015473

and hereby designates

NAME: Harry Royster
ADDRESS: Royal Hotel, North Ave., Grand Junction, Colo.

as his operator and agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to (describe acreage to which this designation is applicable):

T. 17 S-R 26 E., SLM, Utah
Sec. 19: [illegible] Center [illegible]
[illegible]
[illegible]

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the oil and gas supervisor of any change in the designated operator.

Woodbury G. Larsen
(Signature of lessee)

January 17, 1957
(Date)

P. O. Box 2254, Salt Lake City 10, Utah
(Address)

U. S. GOVERNMENT PRINTING OFFICE 16—53598-2

January 17, 1957

Mr. Harry Royster
Royal Motel, North Ave.
Grand Junction, Colorado

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. 1, which is to be located 660 feet from the south line and 660 feet from the west line of Section 19, Township 17 South, Range 26 East, SLM, Grand County, Utah.

Please be advised that approval to drill said well is hereby granted.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
SECRETARY

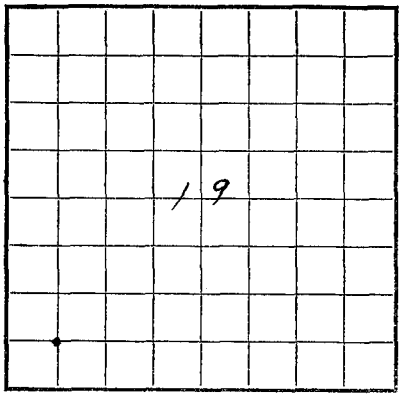
CBF:cn

Require Plat

Form 9-330

dget Bureau No. 42-R355.4.
pproval expires 12-31-60.

U. S. LAND OFFICE Salt Lake City, Ut.
SERIAL NUMBER U-015473
LEASE OR PERMIT TO PROSPECT Fed. Lease



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Harry Royster Address 228 Patterson Bldg Denver Colo. 1810 North Ave, Grand Junction Colo.

Lessor or Tract Federal Field Wildcat State Utah

Well No. 1 Sec. 19 T. 17S R. 26E Meridian SLM County Grand

Location 660 ft. {N./S.} of S Line and 660 ft. {E./W.} of W Line of Sec. 19 Elevation 5091 K.B
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Harry Royster

Date _____ Title Operator

The summary on this page is for the condition of the well at above date.

Commenced drilling 1/22, 1957 Finished drilling 2/6, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2460 to 2470 G No. 4, from _____ to _____

No. 2, from 2499 to 2509 G No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 2084 to 2106 No. 3, from _____ to _____

No. 2, from 2805 to 2870 No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
8 5/8"	24#	8	J-55	156	guide				surface
5 1/2"	14 #	8	J-55	2858	Float Collar		2460	2470	
							2499	2509	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	156	100	Halliburton	9.8	
5 1/2"	2558	185	Halliburton	9.7	

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

FOLD | MARK

Leaving plug—Material ..... Length ..... Depth set .....

Adapters—Material ..... Size .....

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 2870 feet, and from ..... feet to ..... feet

Cable tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

DATES

....., 19..... Put to producing well shut in 2/12, 1957

The production for the first 24 hours was ..... barrels of fluid of which ..... % was oil; ..... % emulsion; ..... % water; and ..... % sediment. Gravity, °Bé. .....

If gas well, cu. ft. per 24 hours 12,000Mcf Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. 810 #

EMPLOYEES

Willard Pease Drilling Co., Driller ....., Driller

....., Driller ....., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2029	2029	Mancos
2029	2145	116	Dakota
2145	2805	660	Morrison
2805	2870	65	Entrada

[OVER]

16—43094-4

FEB 28 1957

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

Cable tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

DATES

1/22/57 Well spudded

1/24/57 Set 156 feet of 8 5/8" 24# J-55 surface casing, cemented with 100 sx circulated to surface

2/6/57 Completed drilling to 2820' and coring interval 2820-2870' T.D. Ran logs I.S. and Micro. Ran 25 sx cement plug 2870 to 2745 feet.

2/7/57 Set 2558 feet of 5 1/2" 14# J-55 production casing, cemented with 185 sx. Ran temperature log cement top at 1760 feet.

2/10/57 Ran Gamma Ray Neutron log. Perforated 2499-2509' w 4 shots/foot. Hydrafraced with 5,500 gallons diesel, 45 bbls Cisco crude, 1500 # Nugel 3,900 # sand, formation broke down at 2,500 #, fraced between 3,000 and 3,500 # maximum.

2/11/57 Perforated 2460-2470', 4 shots/foot. Hydrafraced with 5,500 gallons diesel 12 bbls Cisco crude, 1500 # Nugel, 6,000 # sand. Formation broke down 3,350 #. Fraced between 3,100 # and 3,300 # maximum. Ran 2" E.U.E. tubing with 6 foot perforated nipple to bottom, well swabbed in.

2/12/57 Well shut in, gauged at 12,000 MCFGPD

SAMPLE LITHOLOGIC LOG

GORDON #1 GOVERNMENT
C SW SW Sec. 19,T17S R26E.
Grand County,Utah
K.B. 5091',G.L. 5085'

MANCOS

0-2000 Shale,dark gray to black,silty in part, Pyrite at various zones.
10 Shale,dark gray-black carbonaceous,gray shaly siltstone very pyritic.
20 Shale,dark gray silty,abundant pyrite,black highly carbonaceous shale.

DAKOTA TOP 2029
30 Sandstone,fine grained,poorly cemented in part,very spotty pale yellow fluorescence,small carbon flakes.
40 Shale,black hard,pyrite crystals,silty sandstone very fine grained.
50 Shale,dark gray-black,hard silty streaks,bentonitic.
60 Shale,dark gray-black silty in part.
70 Shale,black hard and silty.
80 Sandstone,fine grained,salt and pepper,black carbonaceous flakes,good fluorescence,weak cut with carbon tetrachloride,
86 Circulate Sandstone as above good Fluorescence,odor.
90 Sandstone,predominantly fine grained,some medium grained,good light blue fluorescence,good cut,odor.
2100 Sandstone,fine grained silty in part,spotty fluorescence.
10 Shale and sandstone,shale black soft.sandstone fine to very fine grained light gray-white.
20 Sandstone and shale,sandstone medium to coarse grained poorly cemented,individual grains rounded-sub rounded.shale gray hard very silty.
30 Shale,black brittle very prominent bentonitic streaks.
40 Shale,black brittle,bentonitic streaks.

MORRISON TOP 2145
50 Shale,green soft, silty green shale, reverse drilling break at 2143.
60 Shale, green soft, limestone white-light brown hard.
70 Shale, green soft bentonitic.
80 Sandstone and shale, sand fine grained white calcareous cement shale, black soft highly bentonitic.

KREY - SCHUH
GEOLOGICAL CONSULTANTS

90 Sandstone shale, sandstone fine grained white hard and tight.
2200 Shale, very soft dark brown, dark maroon, bentonitic.
10 Shale and sandstone as above.
20 Shale, red, dark gray soft fissile, black shale cavings.
30 Shale, light gray, green soft bentonitic.
40 Same as above.
50 Sandstone and shale, sandstone white very fine grained silty, shale light green.
55 Sandstone, white fine grained, fairly tight, no fluorescence or stain. Shale, dark gray-dark green.
60 Sandstone, white fine-very fine grained, shale black coaly in part, shale red soft.
70 Shale, soft red silty in part.
80 Shale, red-dark gray soft.
90 Siltstone, gray carbon particles.
2300 Shale, gray silty, black-gray shale slump.
10 Shale-siltstone, shale gray-dark maroon soft, siltstone gray.
20 Shale, red-varicolored soft.
30 Siltstone, red interbedded with varicolored shale.
40 Shale, red, soft some red siltstone.
50 Shale, red-dark gray, silty.
60 Siltstone, white-light gray, light gray shale.
70 Shale, varicolored red predominating, very soft.
80 Shale, varicolored, light gray, red, green.
90 Shale, varicolored, light green red predominate.
2400 Shale, gray-light gray soft flakey.
10 Shale, chocolote-dark red.
20 Sandstone, white very hard quartzitic, siltstone brown very hard, shale bright green.
30 Shale, green hard and brittle.
40 Shale, varicolored, red silty shale.
50 Shale, varicolored.
60 Shale, varicolored, dark gray-black coaly shale predominating.
63 Sandstone, fine-medium grained, dull yellow fluorescence, fair cut with carbon tetrachloride, sand has some irregular brown staining.
67 Sandstone, as above
68 Sandstone, white light gray fine grained.
70 Shale, dark green-black very soft.
75 Sandstone, white fine grained, some individual chert grains, weak fluorescence.
80 Shale, varicolored. sample made up of mostly slump.
85 Shale, as above.
90 Shale, bright green dull gray soft.
95 Shale, varicolored gray predominates.
2500 Shale, varicolored green gray predominates.
05 Sandstone, white fine grained, some individual medium sized grains.

10 Sandstone, white fine grained,calcareous cement.
15 Shale, varicolored,silty in part.
20 Shale, dark green, sample contains mostly slump.
25 Shale, dark maroon silty in part.
30 Shale, red-dark maroon,hard.
35 Shale, light gray-dark gray,bentonite streaks.
40 Shale, gray dark red soft.
45 Shale, varicolored,dark gray predominates.
50 Shale, dark gray, white limy siltstone.
55 Shale, green very hard and brittle.
60 Shale, green hard and brittle, red siltstone.
65 Shale, green gray vary silty.
70 Shale, vericolored silty in part.
75 Shale, varicolored.
78 Sandstone, fine grained,white, silver blue fluorescence,poor cut.
80 Sandstone, fine grained,white, poor fluorescence, fair cut, sample contaminated with slump.
85 Sandstone, white fine grained, very hard.
90 Sandstone, white fine grained, hard quartzitic.
95 Shale, black,dark green-varicolored.
2600 Shale, varicolored black predominates.
05 Shale, light green considerable bentonite.
10 Shale gray green,hard and silty.
15 Shale, green very hard and silty.
20 Geolograph correction of 5 feet.
25 Shale, varicolored,light red predominates.
30 Shale, light red to varicolored.
35 Shale, as above.
40 Shale, varicolored with minor dense flesh colored very hard limestone.
45 Shale, light green very hard.
50 Shale, light green.
55 Shale, light green-varicolored,gray dense limestone.
60 Shale, light red soft.
65 Shale, light green to varicolored.
70 Shale, light green-varicolored,considerable aragonite.
75 Shale, light green soft.
80 Shale, dark gray very silty.
85 Shale, dark gray green silty.
90 Shale, dark green-dark gray silty.
95 Shale, green with minor green very limy shale.
2700 Shale, green very silty.
05 Shale, green silty,dark red siltstone.
10 Shale, varicolored but predominantly light green, silty in part.
15 Shale, varicolored, silty, dark gray predominating.
20 Shale, dark gray and green, silty and some finely bedded white very fine grained hard sandstone.
25 Shale, dark to light gray, silty in part.
30 Shale, varicolored, grays predominating.
35 Shale varicolored, considerable finely bedded silty red shale.

40 Shale, red, silty, finely bedded, and some very fine white, hard highly calcareous sandstone no fluorescence and minor gray limestone.
45 Sandstone, white, very fine grained highly calcareous sandstone no fluorescence.
50 Shale, gray, silty in part, some very fine grained hard calcareous sandstone, minor gray limestone and trace of aragonite.
55 Shale, varicolored, silty (poor sample).
60 Shale varicolored, silty, some limestone and trace of aragonite.
65 Shale, varicolored, original sample 90% cavings.
70 Shale, dark gray, hard, silty, calcareous.
75 Shale, varicolored, green predominating, some white very fine grained hard dense calcareous sandstone.
80 Shale, varicolored, green predominating, sandstone as above.
85 Shale, varicolored, with minor gray dense limestone.
90 Shale, as above, trace aragonite, considerable sandstone in sample.
95 Shale, varicolored, gray predominating, considerable white dense very fine grained sandstone, with a minor amount of gray very dense limestone.
2800 Siltstone, very fine grained pale red, highly calcareous, red muddy shale.

ENTRADA

04 Sandstone, brown-colorless, medium grained, subangular to rounded, friable very loosely cemented, non calcareous, slight stain, slight fluorescence and cut, sand has a slight salty taste.
10 Sandstone as above
15 Sandstone, as above with very weak fluorescence.
20 Sandstone, white fine to medium grained, no cut or fluorescence.

CORE #1 2820-2870 Recovered 50 feet.
2820-52 Sandstone, white to brown, very fine-medium grained, friable, non calcareous, no stain or fluorescence.
2852-53 Shale, dark red soft.
2853-70 Samdstone, as above becoming more coarse grained with depth.

DRILL STEM TESTS

GORDON #1 GOVERNMENT

D.S.T. #1
2077-2096 Tool open 1 hour, shut in 30 minutes. Tool open with good blow increasing to strong in 2 minutes, remained strong throughout test. Recovered 280 feet fluid 60 feet gas cut mud, 60 feet muddy gas cut salt water, 160 feet salt water. Initial Flow 8#. Final Flow 105#. Shut in 563#. Hydrostatic 1010#.

D.S.T. #2
2457-2467 Open 35 minutes, shut in 15 minutes, good blow immediately, gas to surface 1 minute. Initial Flow 255#. Final Flow 330#. Shut in 760#. Hydrostatic 1290#. Flow gauged at 4,750,000 C.F.G.P.D. (Pitot tube).

D.S.T. #3
2471-2492 Open 1 hour shut in 30 minutes, test inconclusive.

D.S.T. #4
2569-2614 Open 1 hour, shut in 30 minutes, test inconclusive.

D.S.T. #5
2795-2820 Open 1 hour, shut in 30 minutes, test inconclusive.

D.S.T. #6 (Hookwall packer)
2495-2509 Tool open 1 hour, 20 minutes; shut in 15 minutes. Gas surface 3 minutes, gauged 678,000 C.F.G.P.D. (Pitot Tube). Initial Flow 50#; final flow 100#; shut in 810#; hydrostatic 1210#.

HARRY ROYSTER
228 PATTERSON BLDG.
DENVER, COLORADO

1810. North Ave
Grand Junction Colo

Utah Gas Conservation Commission
Salt Lake City,

Please let me know if you require any more data on this well. This is my first report and I may have missed something.

Very truly yours
Harry Royster

February 28, 1957

Harry Royster
1810 North Avenue
Grand Junction, Colorado

Dear Mr. Royster:

This is to acknowledge receipt of the Log of Oil or Gas Well, Lithologic Log, Electric Log, and the Mierolog for Well No. Government 1, which was drilled by you in Section 19, Township 17 South, Range 26 East, SLM, Grand County.

Thank you very much for your cooperation. The information furnished was excellent.

With best good wishes,

Sincerely yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT
SECRETARY

CBF:en

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R142

5. LEASE DESIGNATION AND SERIAL NO.: Utah-015473

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Resource Ventures Corporation, 1370 S. Third W.

8. FARM OR LEASE NAME:

3. ADDRESS OF OPERATOR: Salt Lake City, Utah

9. WELL NO.: Royster #1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: T. 17 S., R. 26 E. SLM Section 19: S2S2

10. FIELD AND POOL, OR WILDCAT: Bar X

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: T. 17 S. R. 26E. SLM Sec. 19: S2/S2

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

12. COUNTY OR PARISH: Grand

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	X	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐				
(Other)				(Other)			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)* Commence approximately Nov. 21, 1964.

Pull casing and tear down christmas tree assembly.
Cement plug presently at 2745' inside 5½" casing. Fill casing with water to 2520'. Set 10 sx cement plug from 2440 to 2520 to cover perforated intervals 2499-2509 and 2460-2470'. Fill casing with water to 1700'.
Shoot off and pull casing at 1700'if possible. Set 5 sx cement plug on top of casing stub. Fill hole with mud to 156'(bottom of surface casing).
Fill surface casing with mud to 6'. Above cement plugs to be set by dump bailer method. Set 2sx cement plug at surface.
Errect abandonment marker and prepare location for approval of abandonment for U.S. Geological Survey.

/ (insert) also set 5sx cement plug at bottom of surfacing casing.

RECEIVED
DIV. OF OIL & GAS OPERATIONS
NOV 18 1964
U. S. GEOLOGICAL SURVEY
SALT LAKE CITY, UTAH

18. I hereby certify that the foregoing is true and correct

SIGNED Resource Ventures Corporation A. D. Morgan TITLE President DATE 11/16/64

(This space for Federal or State office use)

APPROVED BY (ORIG. SGD.) R. A. SMITH TITLE DISTRICT ENGINEER DATE NOV 19 1964

CONDITIONS OF APPROVAL, IF ANY:

See attached letter

*See Instructions on Reverse Side

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Branch of Oil and Gas Operations
8416 Federal Building
Salt Lake City, Utah, 84111

November 19, 1964

Resource Ventures Corporation
1370 South Third West
Salt Lake City, Utah

Gentlemen:

Attached are copies of your notice of intention to abandon the Royster #1 well, SW¼SW¼ sec. 19, and the Royster #5 well, SW¼SW¼ sec. 20, both in T. 17 S., R. 26 E., Grand County, Utah, on lease Utah 015473 (expired).

We will accept your proposed procedure of placing the plugs with a dump bailer providing the plugs can be placed across the perforations to prevent any channeling or migration of gas through the plugs. We expect this will require that the wells be killed with water or mud before plugging operations are started.

Your proposed plugs of 5-10 sacks are smaller than plugs ordinarily required for the diameter of casing and hole to be plugged. A 5-sack plug half in the base of the surface pipe would fill up only about 16' at best.

Since our records show the 5 1/2" casing was cemented far above the top of the Dakota in both wells, we propose to allow you to dispense with the plug across the stub of the 5 1/2" casing. However, we request that plugs of 15-20 sacks be placed across the perforations and a 20-sack plug be placed half in the base of the 8 5/8" surface pipe, along with the 3-5 sack plug and marker at the surface.

Our approval to plug these wells is conditioned on your carrying out the plugging operations as outlined above. Also we intend to witness part or a all of the plugging operations. Accordingly, you are requested to notify Mr. Brown or me (our phone numbers are attached) sufficiently in advance to allow us to come from Salt Lake City to witness the plugging operations. If you have any questions on this matter, don't hesitate to contact us.

Sincerely yours,

Rodney A. Smith

Rodney A. Smith,
District Engineer

Attachments